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OCT 14 2003

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STATUS: DELA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,699	08/23/2001	Raghavendra S. Prabhu	42390P12533	1778

08791 7590 10/10/2003

BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR
LOS ANGELES, CA 90025

EXAMINER

SINGH, RAMNANDAN P

ART UNIT

PAPER NUMBER

2644

16

DATE MAILED: 10/10/2003



RECEIVED

OCT 14 2003

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
LOS ANGELES**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 174 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 174 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

1/10/2004
Date 1/12/2004 Client: Intel Corporation
Docket Initials ms 42390.P12533
Docket Sup. Initials ✓
Atty Initials EHT WWS WEA ETK
Pat/Ser/Reg 938,699 43 x
Description:
Issue fee due

10/14/2003

Natalie Adair

11/10/2003
Date 11/12/2003 Client: Intel Corporation
Docket Initials ms 42390.P12533
Docket Sup. Initials ✓
Atty Initials EHT WWS WEA ETK
Pat/Ser/Reg 938,699 43r
Description:
Reminder - Issue fee due 1/12/04

10/14/2003

Natalie Adair

Notice of Allowability

Application No.

09/938,699

Examiner

Dr. Ramnandan Singh

Applicant(s)

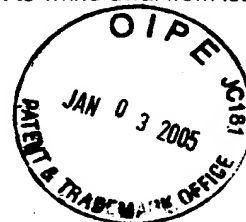
PRABHU ET AL.

Art Unit

2644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.



1. ☒ This communication is responsive to 14 July 2003.
2. ☒ The allowed claim(s) is/are 59-61, 63-86 and 88-96.
3. ☒ The drawings filed on 14 July 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <input type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input checked="" type="checkbox"/> Other Information. |

9. INFORMATION:

The claims have been re-numbered as follows:

CLAIMS NUMBER (ORIGINAL)	CLAIMS NUMBER (FINAL)
59-61	1-3
63-68	4-9
69	12
70-71	10-11
72-79	13-20
80	22
81	21
82-86	23-27
88-93	28-33
94	36
95-96	34-35

Claim no. 1 along with figure number 11B will be published in the Official Gazette.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Allowance".



FORESTER W. ISEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2700

Electronic Information Disclosure Statement

ONE TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING

Application: *09/938699*

09/938699

Confirmation: 1778

Applicant(s): Raghavendra Prabhu

Docket Number: 42.P12533

Group Art Unit: 2643

Examiner: Unknown

search string: (4,969,118 or 5,142,677 or 5,241,492 or 5,325,425 or 5,341,374 or 5,499,272 or 5,530,663 or 5,541,917 or 5,559,793 or 5,574,927 or 5,638,524 or 5,727,194 or 5,748,977 or 5,761,470 or 5,822,613 or 5,825,685 or 5,826,072 or 5,838,931 or 5,880,984 or 5,881,060 or 5,901,301 or 5,923,871 or 5,940,785 or 5,953,410 or 5,970,094 or 5,983,253 or 5,995,122 or 6,029,267 or 6,058,408 or 6,081,732 or 6,138,136 or 6,154,828 or 6,330,660).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
P01		4,969,118	Montoye, et al.	*4,969,118*	Montoye, et al.		
P02		5,142,677	Ehlig, et al.	*5,142,677*	Ehlig, et al.		
P03		5,241,492	Giradeau, Jr.	*5,241,492*	Giradeau, Jr.		
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P05		5,341,374	Lewen, et al.	*5,341,374*	Lewen, et al.		
P06		5,499,272	Bottomley	*5,499,272*	Bottomley		
P07		5,530,663	Garcia, et al.	*5,530,663*	Garcia, et al.		
P08		5,541,917	Farris	*5,541,917*	Farris		
P09		5,559,793	Maitra, et al.	*5,559,793*	Maitra, et al.		
P10		5,574,927	Scantilin	*5,574,927*	Scantilin		
P11		5,638,524	Kiuchi, et al.	*5,638,524*	Kiuchi, et al.		
P12		5,727,194	Shridhar, et al.	*5,727,194*	Shridhar, et al.		
P13		5,748,977	Kawasaki, et al.	*5,748,977*	Kawasaki, et al.		
P14		5,761,470	Yoshida	*5,761,470*	Yoshida		
P15		5,822,613	Takaki, et al.	*5,822,613*	Takaki, et al.		

P16	5,825,685	Yamane, et al.	*5,825,685*	Yamane, et al.
P17	5,826,072	Knapp, et al.	*5,826,072*	Knapp, et al.
P18	5,838,931	Regenold, et al.	*5,838,931*	Regenold, et al.
P19	5,880,984	Burchfiel, et al.	*5,880,984*	Burchfiel, et al.
P20	5,881,060	Morrow, et al.	*5,881,060*	Morrow, et al.
P21	5,901,301	Matsuo, et al.	*5,901,301*	Matsuo, et al.
P22	5,923,871	Gorshtein	*5,923,871*	Gorshtein
P23	5,940,785	Georgiou, et al.	*5,940,785*	Georgiou, et al.
P24	5,953,410	Pfeil, et al.	*5,953,410*	Pfeil, et al.
P25	5,970,094	Lee	*5,970,094*	Lee
P26	5,983,253	Fischer, et al.	*5,983,253*	Fischer, et al.
P27	5,995,122	Hsieh, et al.	*5,995,122*	Hsieh, et al.
P28	6,029,267	Simanapalli, et al.	*6,029,267*	Simanapalli, et al.
P29	6,058,408	Fischer, et al.	*6,058,408*	Fischer, et al.
P30	6,081,732	Suvaran, et al.	*6,081,732*	Suvaran, et al.
P31	6,138,136	Bauer, et al.	*6,138,136*	Bauer, et al.
P32	6,154,828	Macri, et al.	*6,154,828*	Macri, et al.
P33	6,330,660	Ganapathy, et al.	*6,330,660*	Ganapathy, et al.

Remarks

(Remarks are not for responding to an office action.)

Applicants, in accordance with their duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submit this Electronic Information Disclosure Statement citing U.S. Patent Documents for consideration by the Examiner. * Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. * This Information Disclosure Statement is being filed prior to a substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account 02-2666. * Applicants respectfully requests that the cited documents be considered and that the form be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicants' attorney of record. *

Signature

Examiner Name	Date
Ram Singh	9/9/03

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	09/938,699
Filing Date	August 23, 2001
First Named Inventor	Raghavendra S. Prabhu
Art Unit	2643
Examiner Name	Singh, Ramnadan P.
Attorney Docket Number	42390P12533

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[illegible]

Ram Sulu

9/9/03

Based on PTO/SB/08B (05-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 05/02/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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P22	5,923,871	Gorshtein	*5,923,871*	Gorshtein
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Signature

Examiner Name	Date
Ram Singh	9/9/03

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	09/938,699
Filing Date	August 23, 2001
First Named Inventor	Raghavendra S. Prabhu
Art Unit	2643
Examiner Name	Singh, Ramnadan P.
Attorney Docket Number	42390P12533

Sheet

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of

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OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RS		S.VARADA and R. SANKAR; Hardware Strategies for End-Point Detection, Department of Electrical Eng. University of South Florida, Tampa, FL, 33620, Published 07/03/95.	

Examiner
Signature

Ram Singh

Date
Considered

9/9/03

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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JUL 18 2003 (use as many sheets as necessary)

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Application Number	09/938,699
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First Named Inventor:	Prabhu
Group Art Unit	2644
Examiner Name	Singh
Attorney Docket Number	42P12533

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JUL 22 2003

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U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication/Issuance of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
R ₃						
		4,969,118		Montoye, et al.	11/06/90	
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		5,341,374		Lewen, et al.	08/23/94	
		5,499,272		Bottomley	03/12/96	
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		5,574,927		Scantlin	11/12/96	
		5,638,524		Kiuchi, et al.	06/10/97	
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		5,761,470		Yoshida	06/02/98	
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		5,838,931		Regenold, et al.	11/17/98	
		5,880,984		Burchfiel, et al.	03/09/99	
P ₁		5,881,060		Morrow, et al.	03/09/99	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date Considered

9/9/03

Turnaround Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Application Number	09/938,699
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Application Number

09/938,699

Filing Date

08/23/2001

First Named Inventor:

Prabhu

Group Art Unit

2644

Examiner Name

Singh

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U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication/Issuance of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		5,881,060		Morrow, et al.	03/09/99	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date Considered

9/9/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard T.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Estimated Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

08791 7590 10/10/2003

BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR
LOS ANGELES, CA 90025

EXAMINER

SINGH, RAMNANDAN P

ART UNIT

PAPER NUMBER

2644

DATE MAILED: 10/10/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,699	08/23/2001	Raghavendra S. Prabhu	42390P12533	1778

TITLE OF INVENTION: TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	01/12/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

OCT 15 2003

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
(703) 746-4000

or **Fax**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

08791 7590 10/10/2003

BLAKELY SOKOLOFF TAYLOR & ZAFMAN
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LOS ANGELES, CA 90025

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,699	08/23/2001	Raghavendra S. Prabhu	42390P12533	1778

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APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	01/12/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
SINGH, RAMNANDAN P	2644	379-390020

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1	_____
2	_____
3	_____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☐ Issue Fee
- ☐ Publication Fee
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BOULEVARD, SEVENTH FLOOR LOS ANGELES, CA 90025				
EXAMINER SINGH, RAMNANDAN P				
ART UNIT 2644				
PAPER NUMBER				
DATE MAILED: 10/10/2003				

Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (<http://www.uspto.gov/main/howtofees.htm>).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

- (a) Issue fee for issuing each original or reissue patent, except a design or plant patent:
- | | |
|---------------------------------------|------------|
| By a small entity (Sec. 1.27(a))..... | \$665.00 |
| By other than a small entity..... | \$1,330.00 |
- (b) Issue fee for issuing a design patent:
- | | |
|---------------------------------------|----------|
| By a small entity (Sec. 1.27(a))..... | \$240.00 |
| By other than a small entity..... | \$480.00 |
- (c) Issue fee for issuing a plant patent:
- | | |
|---------------------------------------|----------|
| By a small entity (Sec. 1.27(a))..... | \$320.00 |
| By other than a small entity..... | \$640.00 |

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

LISTING OF RELATED US AND FOREIGN CASES, IF ANY FOR POSSIBLE IDS FILING

<u>Client No.</u>	<u>Matter No.</u>	<u>Title</u>	<u>Status:</u>
42390	P12533	Intel Corporation TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING - UTILITY	ACTIVE
42390	P12533PCT	TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING - UTILITY - PCT	ACTIVE
042390	P12533Z	tone detection for integrated telecommunications processing - PROVISIONAL	ACTIVE
42390	P12533CA	TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING - CANADA	ACTIVE
42390	P12533CN	TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING - CHINA	ACTIVE
42390	P12533EP	TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING - EPO	ACTIVE
42390	P12533IN	TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING - INDIA	ACTIVE
42390	P12533HK	TONE DETECTION FOR INTEGRATED TELECOMMUNICATIONS PROCESSING - HONG KONG	ACTIVE